

DEMOLITION NOTES:

- △ REMOVE EXISTING AHU-6 SUSPENDED FROM STRUCTURE.
- △ REMOVE REQUIRED AMOUNT OF SUPPLY DUCT FOR COMPLETE REMOVAL OF AHU-6.
- △ REMOVE EXISTING RETURN AIR DUCT AND ANY GRILLES ABOVE CEILING.
- △ REMOVE EXISTING OUTSIDE AIR DUCT.
- △ EXISTING OUTSIDE AIR LOUVER SHALL REMAIN. PROVIDE INSULATED SHEET-METAL BLANK AT LOUVER.
- △ DISCONNECT EXISTING 2" CHILLED WATER SUPPLY AND RETURN. REMOVE PORTION OF PIPING TO ALLOW FOR REMOVAL OF AHU.
- △ DISCONNECT EXISTING CONDENSATE CONNECTION. ALLOW FOR RECONNECTION OF NEW UNIT.
- △ DISCONNECT EXISTING ELECTRICAL FOR FUTURE CONNECTION.

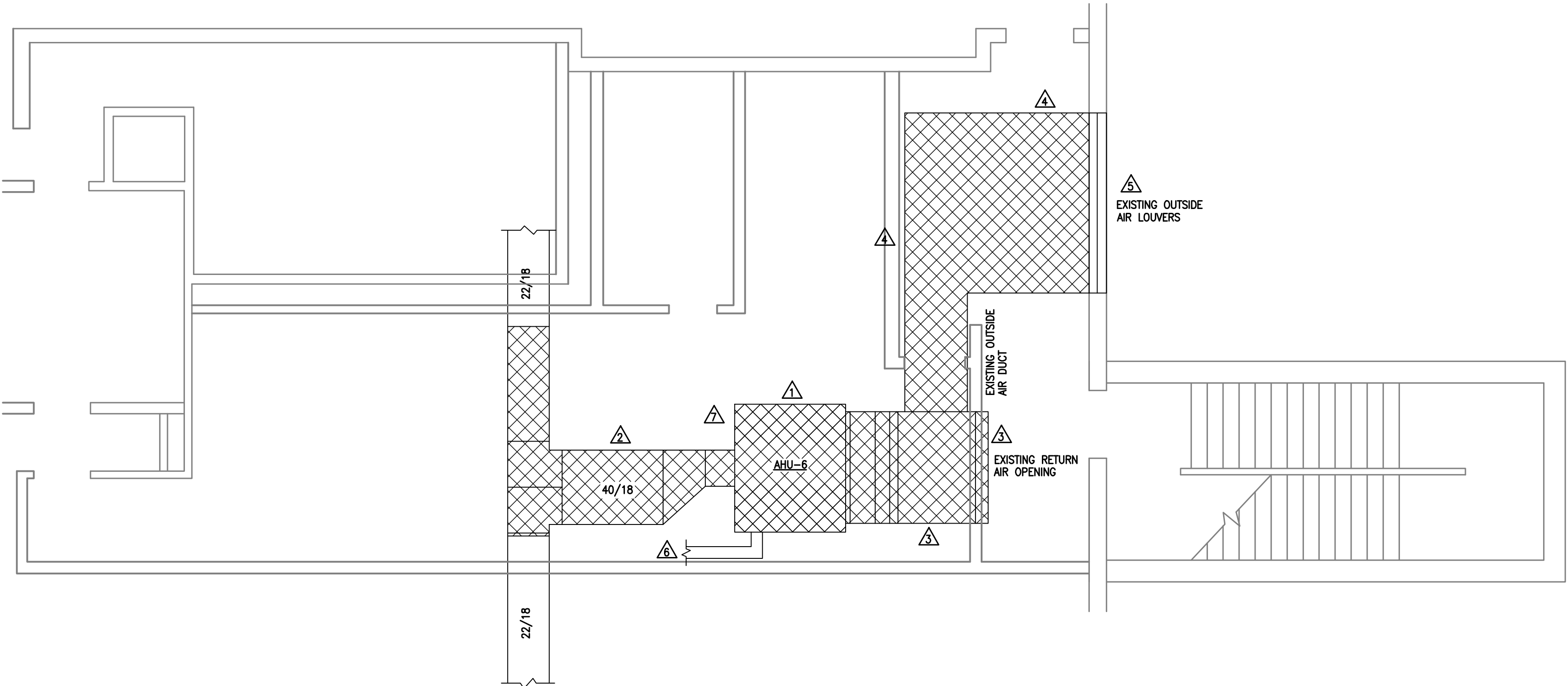
GENERAL NOTES:

- CONTRACT DOCUMENT DRAWINGS FOR MECHANICAL WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
- COORDINATE CONSTRUCTION OF ALL MECHANICAL WORK WITH ARCHITECTURAL, STRUCTURAL, CIVIL, AND OTHER DISCIPLINES PRIOR TO CONSTRUCTION.
- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEM AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
- INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
- PROVIDE VIBRATION ISOLATION FOR ALL MECHANICAL EQUIPMENT TO PREVENT TRANSMISSION OF VIBRATION TO BUILDING STRUCTURE.
- THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS.
- ALL DUCTWORK SHALL BE RIGID TYPE UNLESS OTHERWISE NOTED ON PLANS.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND MAKE NECESSARY ADJUSTMENTS WITH APPROVAL OF ENGINEER.
- CONTRACTOR SHALL OBTAIN THE SERVICES OF AN APPROVED ROOFING CONTRACTOR. BELOW IS CONTACT INFORMATION FOR ROOFING CONTRACTOR WITH CURRENT CONTRACT WITH CITY OF GERMANTOWN.

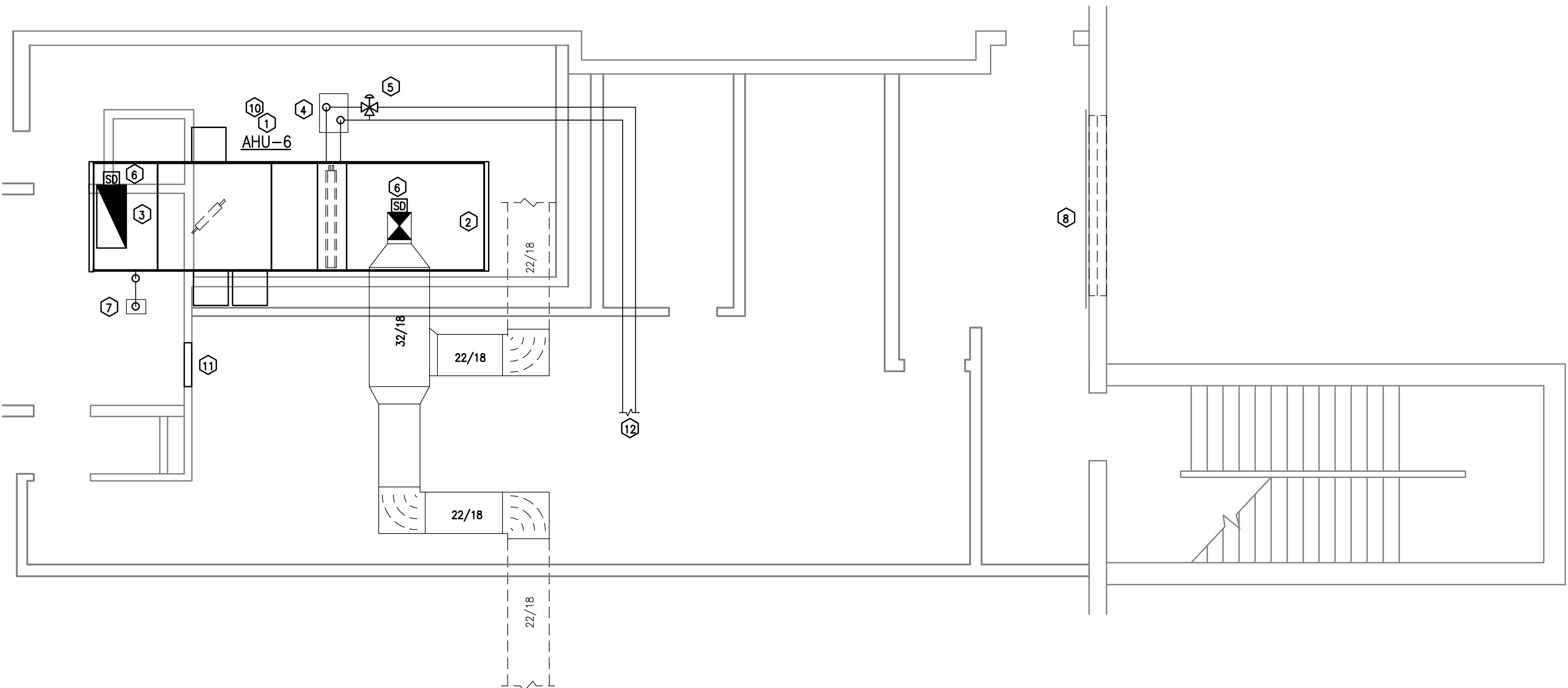
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MEMPHIS, TN 38118
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KEY NOTES:

- ① NEW ROOFTOP AIR HANDLING UNIT (SEE SCHEDULE AND SPECIFICATIONS) ON NEW 14" HIGH ROOF CURB.
- ② CONNECT NEW SUPPLY DUCT FROM AHU TO EXISTING SUPPLY DUCT. TRANSITION AS REQUIRED.
- ③ PROVIDE RETURN AIR DUCT (CURB OPENING SIZE) AND STUB INTO SPACE ABOVE CEILING FOR PLENUM RETURN.
- ④ PROVIDE NEW PITCH POCKET FOR 2" CHILLED WATER SUPPLY AND RETURN.
- ⑤ PROVIDE NEW 3-WAY CONTROL VALVE, INTERLOCK WITH AHU STAEFA CONTROLS.
- ⑥ PROVIDE NEW DUCT MOUNTED SMOKE DETECTORS IN SUPPLY AND RETURN AIR DUCTS. PROVIDE INTERLOCK TO EXISTING BUILDING FIRE ALARM SYSTEM. VERIFY FIRE ALARM VENDOR CONTACT INFORMATION.
- ⑦ PROVIDE NEW PITCH POCKET FOR 1-1/2" CONDENSATE FROM UNIT. CONNECT TO EXISTING CONDENSATE ABOVE CEILING.
- ⑧ INSULATED SHEET-METAL BLANK, SEE DETAIL.
- ⑨ ALL ROOF CURBS AND PITCH POCKETS SHALL BE FLASHED BY APPROVED ROOFING COMPANY. SEE GENERAL NOTES FOR CONTACT INFORMATION.
- ⑩ COORDINATE EXACT LOCATION WITH REYNOLD DOUGLAS (CITY OF GERMANTOWN), AND EXISTING EQUIPMENT ON ROOF. MAKE REQUIRED ADJUSTMENTS TO DUCTWORK AND PIPING TO ACCOMMODATE EXACT LOCATION.
- ⑪ PROVIDE NEW RETURN AIR TRANSFER IN ANY WALLS THAT EXTEND TO DECK AND PREVENTS RETURN AIR PLENUM FROM FULL RETURN. SIZE OPENING FOR 500 FPM.
- ⑫ CONNECT NEW 2" CHILLED WATER SUPPLY AND RETURN TO EXISTING MAIN HEADER. VERIFY EXACT LOCATION OF CONNECTION.

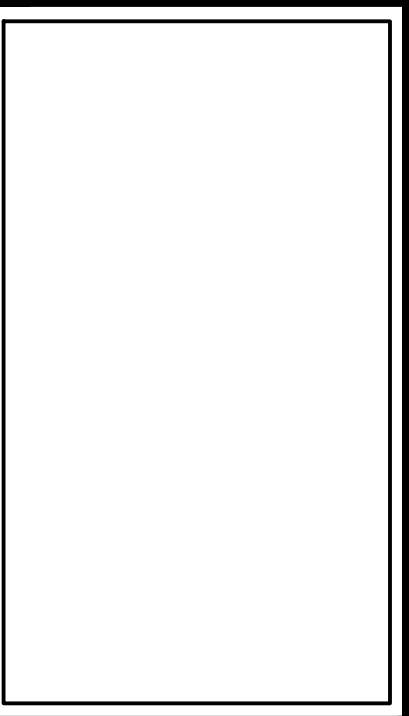


Partial Floor Plan – HVAC Demolition
SCALE: 1/4"=1'



Partial Floor Plan – HVAC New
SCALE: 1/4"=1'

REVISIONS		DESCRIPTION
NO.	DATE	



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AHU-6 Replacement for:
GERMANTOWN POLICE DEPT.
Germantown, Tennessee



SCALE:
AS NOTED
DATE:
03-20-11
DRAWN BY:



SHEET:
M1